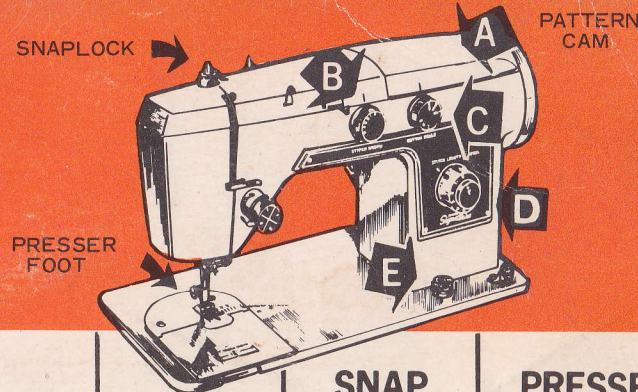



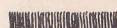



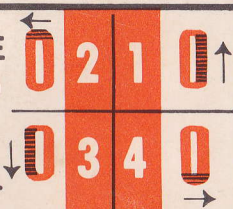







# It's so easy---

## TRY IT YOURSELF PROGRAMMED DEMONSTRATION

SIGNATURE #277F

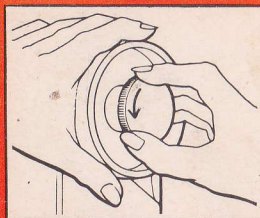


<i>WARDS</i> <b>Signature</b>	PATTERN CAM "A"	* DIAL "B"	* DIAL "C"	DIAL "D"	DIAL "E"	SNAP LOCK	PRESSER FOOT
STRAIGHT STITCH -----	ZIG ZAG	0	M	5	SEW	DOWN	 Multi-purpose foot
ZIG ZAG  	ZIG ZAG	3	M	5	SEW	DOWN	
SATIN STITCH 	ZIG ZAG	5	M	$\frac{1}{4}-\frac{1}{2}$	SEW	DOWN	
BLIND HEM 	CAM NO. 2	3	M	5	SEW	DOWN	
FANCY PATTERNS 	CAM 3 — 12	5	M	$\frac{1}{4}-\frac{1}{2}$	SEW	DOWN	
STRETCH STITCH (RAISE LEVER)	STRETCH	0	M	7—8	SEW	DOWN	 Buttonhole foot
BUTTONHOLE (4 basic steps) <div>  </div> <p>No need to turn fabric. Just turn Dial "C".</p>	ZIG ZAG	0	<div>  </div>	 WHITE DOT	SEW	DOWN	
DARNING 	ZIG ZAG	0—2	M	2	DARN	UP	
SEWING ON BUTTONS 	ZIG ZAG	4	M	0	DARN	DOWN	 Button foot

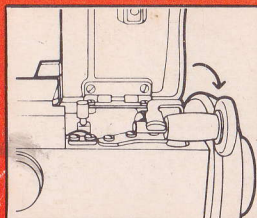
\* CAUTION: When machine is stopped, do NOT adjust Dials "B" or "C" when needle is in fabric. Turn hand wheel until needle is clear and proceed with adjustment.



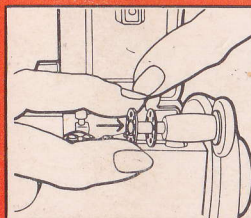
## BOBBIN WINDING



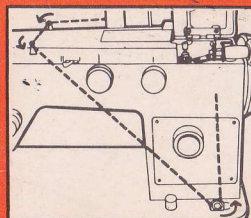
Loosen Handwheel clutch



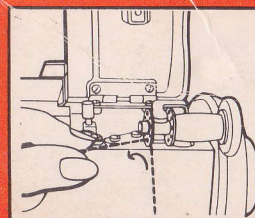
Open Cover and Swing Out Bobbin Winder



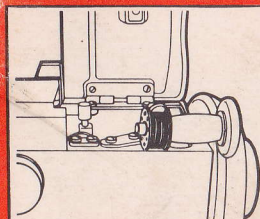
Insert Bobbin Onto Winder



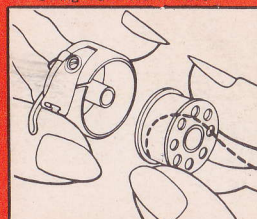
Pull Thread thru Cover Guides and Down Under Bobbin Tension Guide



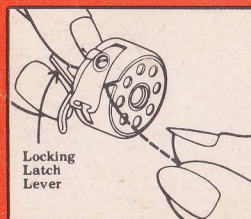
Pull Thread thru a Hole in Bobbin



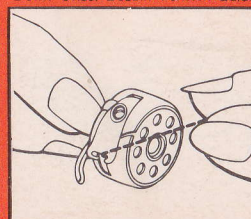
Operate Foot Control while holding Thread tightly. Held Portion of Thread will Break Off. Bobbin Automatically Stops When Full



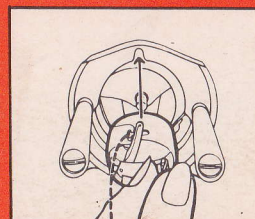
Insert Bobbin Into Case



Hold Bobbin in Case by Pulling Out Latch Lever & Pull Thread Into Slot

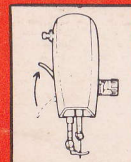


Pull Thread Under Tension Spring and Pull Out 3-4 Inches of Thread

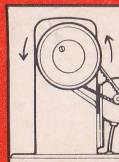


Insert Bobbin Into Machine and Release Lever to Lock in Place. Tighten Handwheel Clutch

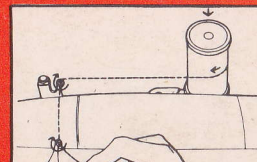
## UPPER THREADING



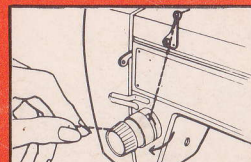
Raise Presser Bar Lever



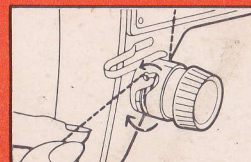
Turn Handwheel to Raise Needle to Top



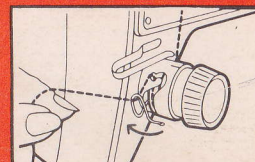
Twist Thread thru Guides



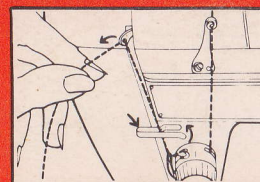
Pull Between Tension Discs



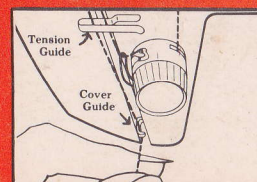
Hook Thread Over Notch



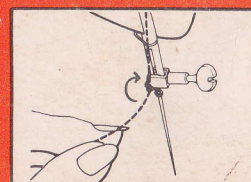
Hook Thread Under Spring



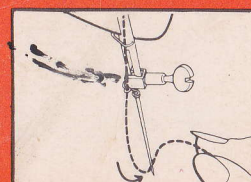
Up Behind Guide and thru Take-up Arm



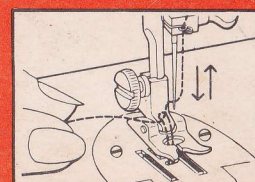
Down thru Tension Guide and Push into Cover Guide



Twist thru Pigtail Guide

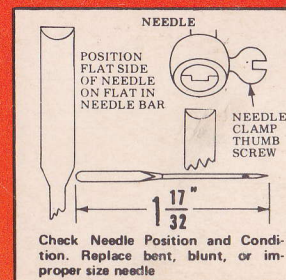


Thread the Needle Front to Rear

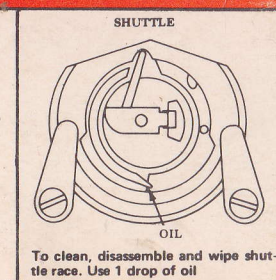


Revolve Handwheel while Holding Upper Thread and Bottom Thread will be Picked Up

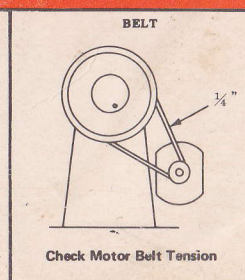
## PRE-SEWING INSPECTION



Check Needle Position and Condition. Replace bent, blunt, or improper size needle



To clean, disassemble and wipe shuttle race. Use 1 drop of oil



Check Motor Belt Tension

